

## ABSTRACT OF THE DISCLOSURE

For one embodiment of the present invention, a processor may include one or more integrated voltage regulators powered by an external voltage regulator and generating one or more local supply voltages for the processor. The one or more local supply voltages may be set to allow one or more circuits powered by the local supply voltage(s) to meet a timing requirement. The local supply voltage(s) may be adjusted by the processor in accordance with a power management policy.